

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S1    | 2    | ("4598518").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2007/06/29 15:04 |
| S2    | 306  | (52/513).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2007/02/20 10:26 |
| S3    | 220  | (52/379).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2007/02/20 10:30 |
| S4    | 559  | (52/713).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2007/06/27 08:15 |
| S5    | 713  | (52/714).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2007/02/20 10:33 |
| S6    | 116  | (52/383).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2007/02/20 10:34 |
| S7    | 505  | (52/508).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2007/02/20 10:34 |
| S8    | 2    | ("4918893").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2007/06/27 08:16 |
| S9    | 20   | ("2602526"   "3144733"   "3154889"  <br>"3355203"   "3982373"   "4043092"  <br>"4471592"   "4761928").PN. OR<br>("4918893").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                | OR               | ON      | 2007/06/27 08:18 |
| S10   | 56   | ("2058148" "2966705" "3377764" "40<br>21990" "4305239" "4373314" "443661<br>1" "4473984" "4598518" "4869038" "4<br>875319" "5063722" "5392581" "54087<br>98" "5454200" "5456052" "5598680" "<br>5816008" "6098364" "6209281" "6279<br>283" "6925768" "6941717").PN. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/06/27 08:23 |

## EAST Search History

|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S11 | 61   | ("2058148" "2966705" "3377764" "4021990" "4305239" "4373314" "4438611" "4473984" "4596102" "4598518" "4606163" "4738070" "4843776" "4869038" "4875319" "5063722" "5392581" "5408798" "5454200" "5456052" "5634310" "5816008" "6209281" "6279283" "6941717").PN. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/06/27 08:23 |
| S12 | 24   | ("1854633"   "2403359"   "2853870"   "3030670"   "3341998"   "3353312"   "3640043"   "4021990"   "4373314").PN. OR ("4596102").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON  | 2007/06/27 08:24 |
| S13 | 40   | ("0819869"   "1304219"   "1474046"   "1725200"   "1854633"   "1878921"   "1988124"   "2089253"   "2898758"   "3030670"   "3321883"   "3341998"   "3353312"   "4021990"   "4373314"   "4596102"   "4738070").PN. OR ("4955172").URPN.                            | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON  | 2007/06/27 09:34 |
| S14 | 560  | (52/713).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/06/27 09:34 |
| S15 | 717  | (52/714).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/06/27 09:34 |
| S16 | 1235 | S14 S15   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/06/27 09:34 |
| S17 | 675  | S16 not S14   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/06/27 10:25 |
| S18 | 508  | (52/508).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/06/27 10:26 |
| S19 | 1707 | S16 S18   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/06/27 10:26 |
| S20 | 472  | S19 not S16   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/06/27 10:53 |

## EAST Search History

|     |      |                 |   |    |     |                  |
|-----|------|-----------------|---|----|-----|------------------|
| S21 | 310  | (52/513).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/06/27 10:53 |
| S22 | 1968 | S19 S21         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/06/27 10:53 |
| S25 | 261  | S22 not S19     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/06/27 14:44 |
| S26 | 1    | ("3053491").PN. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/06/27 15:09 |
| S27 | 222  | (52/379).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/06/27 15:09 |
| S28 | 560  | (52/713).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/06/27 15:09 |
| S29 | 717  | (52/714).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/06/27 15:09 |
| S30 | 1235 | S28 S29         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/06/27 15:09 |
| S31 | 508  | (52/508).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/06/27 15:09 |
| S32 | 1707 | S30 S31         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/06/27 15:09 |
| S33 | 310  | (52/513).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/06/27 15:09 |
| S34 | 1968 | S32 S33         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/06/27 15:09 |

## EAST Search History

|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S35 | 2108 | S34 S27   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/06/27 15:28 |
| S36 | 140  | S35 not S34   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/06/27 15:10 |
| S37 | 116  | (52/383).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/06/27 15:29 |
| S38 | 2200 | S35 S37   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/06/27 15:29 |
| S39 | 92   | S38 not S35   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/06/27 15:30 |
| S40 | 196  | (52/565).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/06/28 08:44 |
| S41 | 2    | ("5035099").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/06/29 15:05 |
| S42 | 23   | ("1723500"   "3267624"   "4572695"  <br>"4893961"   "4920713"   "5186571"  <br>"5380115").PN. OR ("5598680").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON  | 2007/06/29 17:37 |
| S43 | 55   | ("0949075"   "1820206"   "3188696"  <br>"3423898"   "3669480"   "3703304"  <br>"3967908"   "4114861"   "4192118"  <br>"4410294"   "4414785"   "4422792"  <br>"4498801"   "4526348"   "4560301"  <br>"4616950"   "4665672"   "4893961").<br>PN. OR ("5186571").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                | OR | ON  | 2007/06/29 17:41 |
| S44 | 29   | S43 and (rib strength\$5)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/06/29 17:42 |